

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5725] .gif files
Message-ID: <199603151955.TAA04409@chuck.dallas.sgi.com>

Gang,

Need someone to do the following.

1. You gotta be able to do ftp to ftp.LEHIGH.EDU (not shouting here, just want you to see the Ls and not lower case Ls as the numeral uno)
2. cd to /pub/listserv/qrp-l/incoming
3. In this directory you won't see a thing.
4. Do a "get" on vibroplex1.gif, vibroplex2.gif, and vibroplex3.gif.

Which looks better and fits on your PC screen within a reasonable area.

I'm experimenting with an HP scanner and I can scan in at such a high density that you'd need a Drive Inn Movie screen to display it. Oh, you don't know what that is? Hmmm, here in TX we took the kids and the lawn chairs out on warm summer nights to the movie and parked the pickup truck backwards and watched the movie sipping RC Cola and eating Moon Pies. :-)

I'm scanning in photos of paddles and keyers and rigs and antennas and wattmeters and transistors and all kinds of neat dweeb parts. Stuff this group is/should/may be interested in.

Film at 11.

Let me know what you think about the photos/quality/etc.
Up close and personal photos the new March paddle on Monday.

Steve H. (notice how many of refer to Steve by initial for last name 'cuz we be so old we can't remember how to spell it and even though I'm a CW op I don't like to misspell (sp?). :-))
Steve Hideg, a.k.a. Istvan G. Hideg, N8HSC, system admin for the qrp www site that probably gets 50,000 hits/day, can let me know which is the best size so that he can put them on his site for those who have no other way to get the stuff.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: KFGlynn@aol.com
Subject: [5703] Comparision: 40a, Exp II, Emtech NW8020, MFJ-9040, SW40
Message-ID: <960315092504_351965205@emout06.mail.aol.com>

Hello gang,

I want to buy a 40M rig. I'd wondering what you think about each of the above rigs for 40M. Feedback on receiver, band coverage, best bang-for-the-buck and overall satisfaction is greatly appreciated.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: "Rafael Garcia (EA4RJ)" <tie@bitmailer.net>
Subject: [5721] e-mail address from OHR
Message-ID: <Pine.LNX.3.91.960315181324.581C-100000@ea4rj.ampr.org>

Hi

A few days ago I sent an e-mail message to Dick at OHR, but I had not a reply yet.

I think their address is ohrqrp@aol.com
and is this correct?

I'm interested in their Explorer 40m version for my friend (he was testing my Explorer II for 30m, and he was so impressed for its high quality receiver that he is asking to build the 40m version)

Regards

Rafael,
Madrid (Spain)

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Pete Meier WK8S <pmeier@sun.tir.com>

Subject: [5729] For Sale - Cascade
Message-ID: <3149D3A7.1D63@tir.com>

I hate to admit it but I have too many irons (soldering irons?) in the fire. I have a Cascade kit that is 95% finished. The main board is up and running passing all preliminary tests. The two (20 & 75 meter) modules are receiving fine but talking quietly at about 1 watt for 20 and 3 watts for 75. The case has not been assembled or painted and the modules need further tweaking but I'm out of time for the foreseeable future. With work and family demanding more time right now I want to see this kit go to someone who will put the finishing touches on it and make it sing as should.

I have all the documentation and parts, of course. I'm looking for a fair offer. Email me (privately not through the list) if you are interested.

Pete

--

Member of ARRL, ARCI, MI-QRP, G-QRP, NE-QRP, CQC
Pete Meier WK8S QRP-L#212 Email: pmeier@tir.com
Waterford, Michigan USA

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [5726] forgot how much fun
Message-ID: <01I2DC10D9FA8Y56KG@tntech.edu>

howdi,

was on vacation in Townsend, TN.. the Peaceful side of the Smokys this week.

one morning the family decided to sleep late.. took out my Argosy II, gel cell and helically wound PVC verticals. set up on the lawn in back of my room.

20m was a little dead.. switched tops and added a couple of radials and got on 40meters.. talked to some guy in NY for about 45 minutes. Then got on SSB.. was surprised I even knew where the mike was located. Got some guy in Kansas.. we sat and had a great chat for about an hour.. on 4 watts.. I believe that the speech processing or something in some rigs on SSB makes a big difference.. will have to check and see what is so different about the argosy.. always noticed it on my Argonaut 509.. ran it mobile

and never had any problem with 4 watts mobile...

I really like the Argosy... I turn off the digital display and switch to the 5 watt max setting and can talk all weekend on my small gel cell..then if I want to go mobile can either use 5 watts or 50 watts...

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>

Subject: [5713] FOX: Results of 3/14/96 Fox Hunt

Here's my fox logbook from last night; 27 contacts. Almost twice as many as my first turn as fox.

The band started strong, then the hordes moved on frequency. Thanks for dodging and weaving up and down the band with me.

I found maybe 1 taker for slow speed (5-10 wpm) CW. Don't know if the band dried up by then or there were few who wanted the more relaxed pace. I'd forgotten how *long* it takes to send an exchange at 5wpm.

* 1000 m/W award candidate. Nine QSOs qualified this time.

Freq: 7040 +/-

Time(Z)	Call	Urs	Mine	QTH	Pwr	Name
0200	AA7TQ	599	599	AZ	2W	Dave
0203	WA6NAE	589	579	CA	2W	Dwight
0206	KK5RO	579	589	OK	2W	Vernon
0208	W3PM	579	569	AL	4W	Gene *
0210	WA9PWP	469	459	WI	5W	Paul
0212	N6ULU	579	579	CA	3.6W	Stan
0214	AB5UA	569	559	OK	2W	Clif
0217	N1QQV	459	339	CT	5W	Ken *
0228	WW7Y	569	559	UT	5W	Steve
0230	W03B	459	229	MD	5W	Bob *
0232	WJ4P	449	449	SC	?	Randy *
0235	N3KFL	339	339	PA	5W	Al *
0243	K3ETS	339	339	TX	5W	Denny
>> QSY down						
0245	WB5QMP	329	459	ID	2W	Randy

0254	K9DZE	449	449	IN	5W	Allen	
>> QSY down again							
0259	WB6EGE	579	?	CA	200W	John	
>> QRS to 5wpm							
0305	KC1FB	439	569	CT	5W	Jim	*
>> QSY back up							
0315	N3PXF	449	429	KS	11W	Ernie	
0325	AE4IC	229	229	NC	2W	Bob	*
>> QRQ 20wpm, QSY							
0332	KC5EQC	439	339	OK	2W	Don	
0340	AB6DG	439	449	CA	5W	John	
0342	N6MM	559	559	CA	5W	Harvey	
0348	K6VNX	459	559	CA	5W	Arlen	
0351	AA7QY	559	579	AZ	2W	Roger	
0354	K2NF	559	559	FL	5W	Norm	*
0357	AK5B	599	599	TX	5W	Bob	
0359	KC4EWT	339	319	VA	5W	Dan	*

Any errors are my typos. Let me know if I snarfed up something.

Convinced one QRO station who called to turn his power all the way down. We convert them one at a time, gang.

I ran 1.5W from the NE-40/40 to a ground mounted Butternut vertical (lots of radials!). "Bud" earphones really helped pull out some of the quieter signals. Keyed with a Palomar PK-50 memory keyer and Bencher paddles.

Thanks again to Chuck for pulling the Fox Hunt together again this year. What riotous fun!

Regards,

-- Mike, WB4ZKA
Phoenix, AZ

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5719] FS: OHR Sprint II Special Offer
Message-ID: <960315180751_75230.1405_HHB63-1@CompuServe.COM>

Special Limited-time Offer for QRP-L Members
Oak Hills Sprint II Kits (30M) for \$65.00 post-paid.

Oak Hills has discontinued the Sprint II kits, but I have six of them, all on 30M. I'm giving first priority to QRP-L members, first come first served.

They were \$89.95 (+ 5.50) in the catalog, so this is a real opportunity to build a quality kit and get onto a quality band [g] if you don't already have 30M capability.

You can call me on (303) 752-3382 and place a credit card order (Visa, MC, Disc., and Amex). Or if you trust your e-mail links (it's reasonably secure at my end) you can e-mail credit card number and expiration date to me at 75230.1405@compuserve.com. I can also send COD but it costs another \$6.50. In the unlikely event these don't go right away, I can take checks, money orders, and iou's. [g]

Rig specs follow...

73/72
Marshall
AA0XI/VK5FN

OHR QRP Sprint II

High performance DC receiver with diode ring mixer
VFO tuning with 8:1 vernier dial covering 50Khz on 30M
RIT
Bandpass type audio filter
Sidetone oscillator with level control
Silky smooth QSK
2 watts RF output
Current drain 40mA on Rx, 220mA on Tx
Measures 2.5x5x5 inches, weights 18oz.
100% complete kit
ALL COILS ARE PRE-WOUND

<<>>

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5730] gif files [part 2]
Message-ID: <199603152118.VAA04796@chuck.dallas.sgi.com>

OK gang, thanks for the feedback. I've replaced the previous three with three new ones, vibroplex1.gif, vibroplex2.gif, and vibroplex3.gif scanned respectively at 100, 150, and 200 dpi from the photo.

I'll improve the photo this weekend by shooting at

high noon to eliminate the shadows (that is if the thunderboomers will go away tomorrow). I'll also put some other critter in (maybe a quarter) for reference size or some other rig or the standard of them all the Bencher. This is play, so bear with me while I home in on it.

I forgot to mention, since my system automatically places ftp transfers into binary mode, but before YOU do the get, do a binary command (usually just a single word at the prompt "binary" followed by the usual 'entry').

Is the typed note a little too much?

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: "OPS Jim KC1FB" <p01599@psilink.com>
Subject: [5708] Got the Fox!
Message-ID: <3035990681.0.p01599@psilink.com>

I have been skunked lately trying for that elusive four legged critter, but last night I thought.....maybe when he starts sending slow I can pick out the slow speed CQ's in all the QRM. I tried around 21:00 and couldn't find a fox, but about 22:03 I heard a slow, low CQ....THE FOX!

Initially Mike was somewhat in the clear and I gave him a 569, receiving a 439 in return....Mike was running 5 watts I was running 1 w with an original NE40-40 to a Half Square. So nervous I could hardly send my call. QRM came up almost immediately and Mike sank into the mud, but not before I got him.

Makes all the evenings listening to whistles and lightning crashes worth while.

72/73

Jim KC1FB #29

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [5705] Heard the Fox
Message-ID: <jennings-9602151439.AA00045757@eng16>

I heard the fox calling CQ aroun 9:45 EST last night
but lost him in all the qrm... he was very weak and
I never heard him the rest of the evening. Nuts!!
Mike hope you had lots of fun and lots of contacts.
73
Tom, KV2X

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: N5EM@aol.com
Subject: [5710] Houston Area QRPers
Message-ID: <960315101514_169200256@mail02.mail.aol.com>

Local QRPers:

I am tentatively planning to host the next Houston QRP gathering at my home
on May 4th at 8am. Please advise if there are any problems I should know
about affecting this date. More detailed information will follow later.

Ed Manuel, N5EM
n5em@aol.com

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: "Bowes, Fr. Bruce" <GBB1@maristb.marist.edu>
Subject: [5737] HW-* Power Mod.
Message-ID: <15MAR96.20856224.0019.MUSIC@MARISTB.MARIST.EDU>

I have a pristine HW-8 and modified it as outlined in the HW-8 Handbook.
After retuning L13- L16 and L95, 99, 103 and 106 there was no improvemen
t at all in the out put 80m 1.8 40 2.5 w 20 2.5 w and 15 1.8 w. Both th
e Handbook and correpondence from the author indicated that there should
be almost 4 watts.
Can anybody help?
Fr Bowes

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: torell@sicom.com (Kent Torell)
Subject: [5728] more propagation news...
Message-ID: <v02130500ad6f6f5da6b6@[192.91.202.41]>

The Canadian forecast and associated USAF daily forecast follow. As Paul noted, the propagation will be varying between great and poor for the next few days.

WEEKLY STFR FORECAST VALID: 15 March to 24 March 1996

	10.7 cm HF Propagation	+/- CON	Mag	Aurora
	SolrFlx	LO MI HI PO SWF %MUF %	K Ap	LO MI HI
--	-----	-----	----	-----
Mar 15	072	G G F F 01 00 75	2 12	NV NV LO
16	073	G G P F 01 -05 70	3 15	NV NV MO
17	073	G F P P 01 -10 65	5 20	NV MO MO
18	074	G G P P 01 -05 70	4 14	NV LO MO
19	074	G G F F 01 00 70	2 10	NV NV LO
20	074	G G F F 01 00 70	2 07	NV NV LO
21	074	G G F F 01 00 70	2 05	NV NV LO
22	073	G G F F 01 00 70	2 10	NV NV LO
23	072	G G F F 01 00 70	3 13	NV NV LO
24	072	G G F F 01 00 70	2 10	NV NV LO

Report Released by the Solar Terrestrial Dispatch
P.O. Box 357, Stirling, Alberta, Canada, T0K 2E0
Accessible BBS System: (403) 756-3008

INTERNET FTP: solar.uleth.ca (in pub/solar)
INTERNET FINGER: finger solar@solar.uleth.ca
INTERNET WWW: <http://solar.uleth.ca/solar>

Near-Real-Time Propagation Maps: <http://solar.uleth.ca/solar>

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 074 ISSUED AT 2200Z ON 14 MAR 1996

...
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED WITH SOME BRIEF ACTIVE PERIODS FOR THE NEXT 24-36 HOURS. THE ENHANCED ACTIVITY LEVELS ARE POSSIBLE DUE TO EFFECTS FROM A FAVORABLY POSITIONED CORONAL HOLE. ACTIVE CONDITIONS ARE PREDICTED ON THE THIRD DAY AS A LIKELY RESPONSE TO TODAY'S FILAMENT ERUPTION.

V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 13 MAR 016/017
ESTIMATED AFR/AP 14 MAR 010/009

PREDICTED AFR/AP 15 MAR-17 MAR 015/015-010/015-020/015

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: NYOUNG@desire.wright.edu
Subject: [5711] More radios, dang-nabbit!
Message-ID: <01I2D8HELZXU9675BS@desire.wright.edu>

All this talk about HW9s is getting to me. Someone had better put an end to this soon or I will be looking for one (or one of its derated precursors... as in the things you curse about before you buy 'em) at Dayton.

And we all know that if I do get an HW9 at Dayton, I will have to take the damn radio home, put it on the kitchen table, pick up the microwave, hold it over my head and then ask my wife to say "when."

I already have the wheelchair, straps and hallway reserved. So I can't plead premature dementia or early cussin' symptoms of aluminum poisoning or whatever. And I can't blame it on substance abuse, 'cause I stopped abusing substances when I needed glasses.

But seriously folks, what would I gain from having an HW9? More radios? Another DC receiver? A nominally interesting CW rig? Less desk space? Less money? A microwave implanted in my cerebral cortex? A car with Texas plates? A plate in my skull? What? What? Tell me! I can hardly stand the.... what were we talking about? What time is it? Tonight we get tapioca...

73

Nils

WB8IJD +c

"I don't need no graduate degree! I got a job at McDonalds. And Burger King. And the hardware store. And deliverin' pizzas. It's enough to pay the bills, ain't it?"

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Norbert.Heyder@erno.de
Subject: [5699] Need New QRP+ Schematic
Message-ID: <9603150748.AA03107@mail-s.erno.de>

Me too!

After having done a lot of improvements on the old QRP+ I'm also still looking for someone who has received a "New and Improved" QRP+ and is willing to supply me with the new schematic diagrams.

Who else?

I can imagine that more "Old QRP+" owners on the list are interested in this - who is willing to 'distribute' the new schematics?

Thanks and 72, Norbert DL8BDF

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [5741] Nightowls
Message-ID: <v01530501ad6fe685dc2e@[206.163.121.75]>

Any 'late-night' QRP's out there? As you can see by my address I work late! Musicians are funny guys. I'm looking for anyone who wants to try for skeds around 09:30 UTC (1:30 AM PST)-7040 +-5. I'll be on tonight (3/16 utc date!-fri.night) & tomorrow same time (Sat. night- PST about 1:30 AM). Any other crazies or insomniacs welcome!
Dan N7CQR- Norcal 40a & delta loop.

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5739] Re. The Hardest FOX
Message-ID: <199603160204.CAA05590@chuck.dallas.sgi.com>

Roger, AA7QY, gave us a nice post of his successful capture of the elusive fox.

OK Roger, you and your buddy get the QRO award for this year's hunt, the lowest miles per watt of 1.0 (and it might even be lower) ,i.e. 1.0 Mile/Watt. Geez. Maybe as judge and jury I should disqualify that as a QRO contact. :-) Just kidding. Not about the award though. :-)

I enjoyed the story about the floor. I've done flooring, tile and otherwise, and know how much fun it can be. Rather build a transistor outta a bucket of sand from scratch now. :-)

Also, looking at all those numbers in your signature. I'll sell you a '5' real cheap, since I'm in 5-land. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov
Subject: [5714] Re[2]: Litz wire and RF
Message-ID: <9602158269.AA826922164@ccmail.gsfc.nasa.gov>

I just happen to have a variometer, which I bought with three other inductors. They are each mounted to white ceramic insulators. The insulator has five 'bannana' type prongs mounted and connected to wire jumpers going to the coils. The insulator is also stamped with the freq and part number (i.e. 3.4-4.4MC 51 A 439 3 C 1087-1) go figure.

I always keep an I out for the retired parts. I use one now for a pencil holder and conversation piece. It appears as if a pre-bake-a-lite type material holds the coil to form. I nix'd the idea of using them in atuner/antenna system. A kindly old gentleman feebily, shaking took my money for them. He told me I looked like I would give them a good home. That was probably the best buy at the Hamfest...Hi...Hi...

The variometer is the real curiosity. I only guessed at the utility for the device and being a second-third generation Computer Engineering type, I had no idea of the name for this marvalous do-dad. I, also, collect telegraph parts.

"We are in great haste to construct a magnetic telegraph from Maine to Texas; but Maine and Texas, it may be, have nothing important to communicate..."

Henry David Thoreau

Thanks for the bandwidth...de NW3N

----- Reply Separator -----

Subject: RE: Litz wire and RF
Author: JEVERHART@cayman.vf.mmc.com at Internet
From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [5734] Riley, NM Photos (URL)
Message-ID: <199603152142.NAA05361@ix16.ix.netcom.com>

My thanks to John Brewer, WB50AU/4 for scanning in these Photos. Don't forget to visit John's Boat Anchor URL (Vacuum Tube Radios).

Riley, NM URL follows;

<http://www.zynet.com/~johnb/jay0.htm>

Talk to all of You on April 27, 1996.

72...Jay, WA5WHN, Albuquerque, NM

PS Crew List @ Riley, NM will follow in a later message. (NA5N has the list)

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [5698] St. Louis Tuner Progress, 49er Kits, etc.
Message-ID: <31490B7A.58A2@telis.org>

Here is the latest on the St. Louis Tuner Kits.

Yesterday I took a 1/2 day off work and drove to San Jose and met with the company that is doing the cases. I took Dave Meacham's layout drawings for the front and back panels, plus the stock NorCal Sierra/Cascade size case and spent about an hour with one of their engineers. Here is what we came up with. The panels will be attached to the case bottom with flanges and pem nuts on the sides and bottom of the panel for super rigidity and strength. We will use undercut 4-40 screws to attach the panels. I placed the order and will take delivery in 4 weeks. I talked to Far circuits tonight on the phone and should

get delivery of the SWR bridge boards for the St. Louis Tuner next Friday. All other parts are on the way and should be in hand by next week. We will build a kit from the manual (hey, I did learn from the Cascade!!) and then when every thing is right, Jim will start shipping the kits.

49er Kits. For those of you who have ordered full 49er kits or boards, Fred Reimers also said that I can expect delivery of the 49er boards next Friday also, and I will mail them out immediately as I have all of the parts already ready to go, just waiting on the boards.

QRPP. It is somewhere between the printers and Dos Palos. It has been shipped via UPS and I will process it as soon as I receive it. The print run was 1576 copies this issue, and it will take a couple of days to process it. I will do every thing in my power to get it to you as fast as possible. I did mail the material to the printer on the first of Feb., it just takes time to get this thing out the door.

Thanks for your patience. Remember that this is a hobby and that NO ONE is getting paid.

Have a good week and send me reports on your 49er success or adventures as you get them built. I know that Joe Everhart has a kit of parts in hand, and I am anxious to hear how he does with it on the East Coast.
72, Doug

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov
Subject: [5724] TANK COIL / BC-610 , VARIOMETER,Civil War and Internet ADD.
Message-ID: <9602158269.AA826929376@ccmail.gsfc.nasa.gov>

Brad,

Thanks for the info. Now, you mention it. I've seen a real variometer hanging around somewhere. I believe you hit the nail on the head, about the gizmo I have.... TNX

I wouldn't call it a collection ..YET.. I did buy a magnetic 'clacker' from "The Army of the Susquehanna" when I was up at GETTYSBURG. They're a reenactment group dedicated to 19th Century Civil War Communications. QRP Wig-Wag Flags, sort of speak. They had a neat tent and lots of 'Blue-Bellies'...Hi ..Hi

By the Way... that internet address is the result of high tech progress. I asked for a real internet address like rstern.wff.nasa.gov. Turns out... the network gurus are scrapping

CCMAIL and going to EUDURA.. Oh WELL! There goes my raise and hamfest money!!!!

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [5727] Ten Tec 2 meter kit\
Message-ID: <01I2DC7HNRPE8Y56KG@tntech.edu>

WOW!!!!

well that is my first impression.

got my kit with the 35 amp accessory last week.. started it and then went on vacation. The parts are excellent quality.. the case is professional quality.. more like the rice box then I am use to on kits. The rig is small and has 15 memories and ctss and the usual features. It comes with a mobile mounting bracket and a mike. The only down side is that they haven't found a dtmf mike for it yet.. the rig is set up for it.. but no mike for it yet.

The directions are excellent.. whole first part explains how the thing works (I know these things work by magic). The direction book is pretty thick.

You build a section and then test it.. love that approach. I built up the display unit and then the processor unit. You fire it up and get to see the display and change the frequency read out and do all the memory stuff at this very first point.. I am now on the second part.

The kit is not hard.. but the parts are pretty closely packed.. the VCO section is very close together. The directions are VERY clear.. read a section and don't solder till told to do so!!!

I think the price is a bargain.. \$200 for the kit.

I also think this could be quite an exciting kit for a ham that only has a tech license. They may need some help.. or if they have experience building .. they should be able to handle it. The directions say you only need a multi-meter.. it helps to have a freq counter and some other stuff. .the only alignment in the first section was a variable cap to get an oscillator set at 4.000, you can use a station receiver to do it.. I tried it both ways.

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [5738] The hardest FOX
Message-ID: <199603160149.SAA03853@usr5.primenet.com>

Since there was to be no fox on Tuesday night, Monday seemed a good day to refurbish the shack. Needed paint anyway, and it was getting crowded with all the junk there.

First step, empty the place out. Start painting, and when finished Mon night, decided the carpet looked really ratty. Off to the local Home Base to check out floor coverings, and here was this really neat wood stuff..... random planks. Not hard to do, the sales guy says.

OK..No fox, so time to do it. Rip up the carpet and fill the cracks in the slab. Read the directions (not as clear as some QRP kits) and start spreading adhesive and laying wood. Abt 40% done by Tuesday eve. Wed...more measuring, cutting and laying wood. Same Thursday. Floor still not finished, and the shack is still in boxes all over the house. All of a sudden, it's FOX time, and I have a club meeting to run (the Pres is out sick, so it's my turn to try to run things). Robert's Rules in double time, sweat the program timing, and back home by 8:30 AZ time.

Oops! Everything is in boxes in another room. Finally dig out the NC-40A, rummage around for some cables, keyer, paddles and spread it all out on the almost completed floor. POWER? no power supply in sight. Off to the garage to get a gel-cell. Flat!!! Finally drag the deep cycle in from the tent trailer, and use bulldog clips to hook it up to the rig. Turn the NC-40A on, and NOTHING! Ah, here it is...monoraual phones, so ease the plug out a bit and hear noises.

Just installed the 10 turn pot, so scrambling around the band to find the fox. Nothing. Keep turning, and turning, and finally, at abt 7.042 or so (or so the KC-1 says) I hear him calling CQ. Jump right in when he sends "K" and get a comeback. Exchange sig reports and power levels, qrp-1 number, and it's done at 8:51 AZ time, only 9 min or so to spare. Whew...what a relief to have that one.

Miles per watt? About 1, since he's not much more than that from me, but it still counts. Probably could have used a dummy load, :-)

Thanks Mike....this stuff sure is fun.

72/73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Steven Wilson <randyw@crl.com>
Subject: [5723] Variometer - Everyone should have one
Message-ID: <Pine.SUN.3.91.960315105048.23390A-100000@crl11.crl.com>

If you experiment with antenna tuners and antennas then you should really try using a Variometer.

Inductors are often made so that the inductance can be varied by one means or another. Today we use rollar inductors and tap coils. Both mechanical means. One can also bring a metal plate into and out of the inductor field to make small changes in the inductance. Very lossy tho.

The variometer changes the inducance by electrical means. The total inductance of two coils may be shown by the following equations:

- 1) $L_t = L_1 + L_2 + 2M$ adding fields
- 2) $L_t = L_1 + L_2 - 2M$ opposing fields

where $M = K (\text{sq root } (L_1 L_2))$ Maximum value of K is 1.0

A variometer allows you to rotate one coil in relationship to the other so you can play with the value of K. You normally rotate one coil 180 degrees in respect to the other one. It is easier to build than it sounds.

It is possible to use the variometer to continuously vary from low values (i.e. 0.1 uH) to large values of inductance (i.e. 5 uH). No switches, no mechanical counters just a simple 180 degree roatation. No mechanical connections. So a couple simple inductors can be used for the coil in your next tuner for 10 to 40 meters. Use a fixed value for the capactior. Variometers lost out when modern day (now yesterday) variable capacitors became available. Since we no longer can purchase decent variable capacitors it is time for the variometer to again takes its place.

All old ideas should not be trashed. Something else to think, about did you know your tuned circuits can produce gain? This is the worthwhile advantage resulting from tuning your receiving antenna circuits.

-73- de stan ak0b

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5733] vibroplex3.jpg
Message-ID: <199603152148.VAA04898@chuck.dallas.sgi.com>

Gang,

vibroplex3.jpg

Anyone who prefers .jpg over .gif try the above file in ftp.lehigh.edu:/pub/listserv/qrp-1/incoming and let me know. It is 884x730 24bit truecolor image. It's from the same .gif image, so I'll can use either gif or jpg format or both at the site and I can appropriately scale.

This is a test photo, it is not an ad for Vibroplex by K5FO. I don't get a dime on any critter from any manufacturer that I know about. Standard disclaimer inserted here.....

My next graphics tool to write is to put transparant text across the bottom of the photographs to document them. This so we don't have to have separate files of text, etc. Although when we get to rigs etc. we will have reviews pointed out.

Anything that I put on the site is open to use by anyone for non-profit use AS LONG AS you give me credit and ftp.lehigh.edu credit for the supply and the image is not modified. So those of you who are looking for filler for all those newsletters, etc. can have at 'em. Just warn me where they are going to be used. Thanks for your support. I could write a book, but I don't have the time.

I'm interested in the technology on getting these transfered to PostScript images with good resolution, so if you have been there and done that, let me know. I'm looking for eps (encapsulated postscript format) to include in TeX generated text.

On another note:

I may have been misinterpreted in a recent post on group buys etc. I am not against same. I was just not wanting this group to overrun someone who does something on the side and then get pissed because the supplier could not deliver within six weeks. Six weeks is the delivery period at the present time from Mike March.

"I'm sorry sir, would you like some cheese to go with that whine?". :-) This not aimed at the person sending email but in general at complaints. :-) I don't think I am a control freak, just trying to avoid problems.

No, I haven't gotten my QRPp. No, I haven't gotten my St. Louis tuner, :-) No I didn't work the fox. But I am waiting. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: cookes@pop.jaring.my (Siong Teck Cheun @ Joseph)
Subject: [5701] Visit to Penang, Malaysia
Message-ID: <199603151152.TAA29857@relay4.jaring.my>

Hi Qrper,

Two days ago I received a long distance call from someone from the States, because the reception was not very good I couldn't get his name. He intend to get a temporary license while on his visit to Penang. IF YOU are this person please e-mail me.

Sorry for the bandwidth.

72/73

Siong e-mail add: cookes@pop.jaring.my

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Jim.Nestor@ey.com
Subject: [5712] What's a 49er?
Message-ID: <0014500002586347000004*@MHS>

Hey,

Been living in a cave for the past several months (actually just swamped at work), just re-subscribed and have seen a few messages about something called a "49er". Don't think they are referring to a San Francisco football team.
What's the scoop on the 49er?

73/72,

Jim, WK8G/2
jim.nestor@ey.com

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [5731] Re: .gif files
Message-ID: <v02130507ad6f888fee01@[129.74.35.16]>

>Steve H. (notice how many of refer to Steve by initial for last
>name 'cuz we be so old we can't remember how to spell it and
>even though I'm a CW op I don't like to misspell (sp?). :-))
>Steve Hideg, a.k.a. Istvan G. Hideg, N8HSC, system admin for the
>qrp www site that probably gets 50,000 hits/day, can let me know
>which is the best size so that he can put them on his site for
>those who have no other way to get the stuff.

The three pictures in question are available for viewing at:

<http://qrp.cc.nd.edu/QRP-L/K5FO/index.html>

It is difficult to judge what would be the optimum size for an image to be displayed on the web. Various browsers on various platforms have different default window sizes, also depending on the size of monitor involved. If the image is too large, the user will be forced to enlarge the browser's window and/or scroll to see the entire image.

If you wish to maintain compatibility with legacy hardware, you must keep

the image size well below 640 by 480. A 5.5" by 5.5" image, as displayed on a 72 dpi monitor (usually the standard, but this has changed with the advent of multi-scan display systems) would require 396 by 396 pixels. A good rule of thumb is that your output device is 72 dpi.

Another issue to contend with is bit depth. Current GIF formats only handle 8-bit data. 8-bit colour is facilitated by the use of a color lookup table (or CLUT, also known as a palette) that can be stored in the header of the image file. The display software uses this information to interpret the 8-bit image data into colors. This can often lead to unpredictable results if the image's CLUT disagrees with the particular display system's CLUT.

Plus, as you reduce a full-colour 24-bit image to 8-bits there are obvious degradations in the image quality as color approximations are made. That is why I prefer to serve 24-bit images (compressed JPEG format), and let the individual's display system reduce it to however many bits it provides.

Of course, you face similar unpredictabilities with possibly sub-standard display systems on client machines. I faced this myself when I applied a green background to the QRP-L pages. I received many complaints that the text was unreadable because of "dots" on the background. Well, those dots were caused by the user's display system attempting to approximate that green color with 2 or 3 (or ore) of the colors available in its color palette. This was not my fault, but rather a deficiency of the user's hardware.

So, I was forced to deal with the lowest common denominator, and I removed the green background so "legacy" system users could enjoy the pages.

72

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

"Things are more like they are now than they ever have been before."

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: W3HMS@aol.com
Subject: [5697] Re: Antenna launch
Message-ID: <960315001218_446902530@emout08.mail.aol.com>

In a message dated 96-03-12 09:05:53 EST, you write:

>If you want greater height, use a slingshot, big lead fishing weight, and
>a spinning reel.

YES.....YES...this is FB...we use it often and it is the best way to go
with small light weight gear. I suppose a crossbow with sights would be
best....too large and too much\$......

73 all,

John

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov
Subject: [5717] Re: Comparision: 40a, Exp II, Emtech NW8020, MFJ-9040, SW40
Message-ID: <9602158269.AA826922747@ccmail.gsfc.nasa.gov>

I had fun building and using the 40-40 SMALL WONDERS. I was around
\$60.00.. Put it in my own enclosure, added optional RIT and a RAD.
SHK. 1watt audio amp to drive a small speaker. I took my time at every
step. NO problem.. I am a technical type by profession. So..go figure
enjoy the experience....we all make mistakes...the cheaper the better

CONSERVE ENERGY WORK QRP !!!!.....NW3N

**** BY THE WAY. I'M NOT RELATED; NOR HAVE ANY INTEREST IN SMALL
WONDERS' PROFIT MARGIN OR LACK THERE OF !!^%^^%^^%!!

----- Reply Separator -----
Subject: Comparision: 40a, Exp II, Emtech NW8020, MFJ-9040, SW40
Author: KFGlynn@aol.com at Internet
From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: william.redfearn.cmwdrr01@nt.com
Subject: [5702] RE: generate cw from ssb rig
Message-ID: <"24932 Fri Mar 15 08:03:19 1996"@nt.com>

Randy,

I saw your comment about the Paragon. The Paragon can be modified to run QRP. The change is in the ALC circuit and the basic mod is available from Ten-Tec. Using their instructions as a start, I set my Paragon up to have two ranges, 0 - 10 watts and 10 - 100 watts by using a mini relay to switch the ALC change in and out. A friend of mine set his up for 0 - 100 watts from the front panel. I sold the Paragon last year and am thinking about an OMNI V or VI but it was a great QRP CW rig.
73 - Dave.

=====

Dave Redfearn, Sr RF Systems Engineer NORTEL RTP, NC.
ph.(919) 992-3925 email: william.redfearn.cmwdr01@nt.com
qrl? de N4ELM/qrp

All opinions are my own, no one else wants them.

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [5715] Re: Houston Area QRPers
Message-ID: <199603151736.MAA39892@nss2.CC.Lehigh.EDU>

>I am tentatively planning to host the next Houston QRP gathering at my home
>on May 4th at 8am.

8 AM on a Saturday? Do they have an 8 AM on Saturdays? I thought 8 AM only happened during the week. I'm going to have to set the wife's alarm clock tonight and then tomorrow afternoon when I come down for breakfast I can ask her if it went off.

>>>==>PStJTT

=====

Patrick Taber	Email: ptaber@logiccraft.com
Principal Software Engineer	Phone: (603) 880-0300
Logiccraft Information Services	Fax: (603) 880-7229
22 Cotton Road	
Nashua N.H. 03063	Also known as: KC1TD

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: [5706] Re: HW-9/Tuner
Message-ID: <2.2.32.19960315150154.00717efc@seism1.ess.sunysb.edu>

At 08:00 PM 3/14/96 -0500, William C. Robbins wrote:

>HELP!

>

>I have a chance to buy an HW-9 and the antenna tuner. The rig has the WARC
>band option. No power supply. What is a fair value??

>

>From memory regarding past messages on the list, I would pay 150 to 200\$ for
the rig alone.

As a comparison the HW8 runs between 80 and 120\$. I bought one recently for
130\$ with the power supply and an extra HW8 for parts (good only for parts,
no way to rebuild it).

I guess 150\$ for an HW9 (with WARC option) would be a -really- good price,
and wouldn't be -that- surprised if the rig goes for 250\$ (perfect
condition, ...).

For the tuner I have no idea, but it's, in my opinion, of little value,(I
mean if one wants to use it, if it is as a collector item it's totally
different).

Let me know what you end up with, or post to the list for everybody's benefit.

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu

<http://rock.ess.sunysb.edu:8080/>

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: QLF%mimi@magic.itg.ti.com

Subject: [5707] re: LITZ CABLES

Message-ID: <9603151520.AA13405@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: LITZ CABLES

I did a bit of digging in my personal library looking for information on Litz
wire and cable. The best source of general information is in the ANTENNA
ENGINEERING HANDBOOK by Jasik and Johnson, Second Edition. They also reference
Watt's book mentioned earlier by N2CX.

Jasik references Litz cables for use in VLF tuning network helixes. Just to

give you an example of the magnitude we're talking about in this usage, a quantity of Litz wires made up of AWG 33 wires is woven into a cable up to 3-1/2 inches in diameter. This method is useable for antenna currents up to about 1500 Amperes. Definitely not QRP unless the antenna impedance is 2 micro-Ohms! Beyond 1500 Amps, the Litz cable becomes too large to handle, and copper tubing up to 6 inches in diameter is typically used for the helix.

Jasik uses AWG 33 in the above example, but in actuality, the individual strands are selected to be one skin depth in diameter, thus having maximum current density per volume of copper.

I agree on the loss of many of our fine historical reference books. I'd love to find a copy of E.A. LaPorte's antenna book from 1953, but haven't seen one since devouring the copy in my college library many years ago. LaPorte was the head of RCA Global Communications for many years during the time frame when global VLF/MF/HF communications was king. His field of expertise was long wires, rhombics, v-beams, and other long range antennas and his book is one of the finest references in that area that I've ever seen. He wrote the chapter on Long Wire Antennas in Jasik's book.

73's

Brad, WB0CGH

Brad Bradfield, PE
108 Forestwood
Corinth, TX 76205

Electrical Design Engineer
Texas Instruments, Inc.

(H) 817-321-2960

QLF@MSG.TI.COM

(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member

QRP-L #377

SMIRK #4906

IEEE(M)

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [5709] re: LITZ CABLES and book losses

Message-ID: <Pine.SOL.3.91.960315110516.22395C-100000@utkux4.utcc.utk.edu>

I have no desire to bring back Litz wire, but older reference classics are another matter. Those whose libraries have "lost" their copies of older classics may find them again via interlibrary loan--if your library is connected. A photocopy for personal use ought to be legal--at least of the critical chapter(s). I have run across a few books at used book places acquired from estate sales that indicate an original home within a company library. Hence, this not-so-Holmesian conclusion: your best chance of finding lost classics may be in the libraries of your best and most senior engineers. How you get them back will be your worry.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [5704] RE: Litz wire and RF
Message-ID: <960315093428.23e5bd01@carib.vf.mmc.com>

Dick, (Richard Slavens, WA6TMF) you queried about variometers.

Well, a variometer is a clever way to get a variable inductance. It uses two inductors, one fixed the other inside the first that is rotatable. The idea is that the mutual coupling between the two varies depending on whether their coupled magnetic fields aid or oppose each other, resulting in a low-loss variable inductance. Using flexible leads on the rotating coil gets away from the loss and complications of sliding metal contacts. They were much used in original radio transmitters and receivers in the LF and VLF range.

I hate to harp on the old-timer's theme of the good old days, but here goes anyway. :-).

Way back when, in the fifties and sixties, learning about radio and electronics included a fair amount of historical perspective. A quick check of our current company library (Lockheed Martin - descendant of RCA), showed few references to variometers. I couldn't even find a copy of Terman's Radio Engineering! Alas the history of radio like the history of everything else these days is evidently a low priority :-).

By the way, for those who want to read more about Litz wire and its uses, I recommend one book that IS still in the library - VLF Radio Engineering by Watt. It should be in any good technical library (at least one that has been in existence for more than a few years). Lots of other stuff in there that's neat, too, although some of the math and theory can be intimidating. Shucks, how many of us are there who still remember the Radiotron Designer's Handbook? I bet Bill Gates never heard of it! (Oops, no flames, please, I'm

just kidding :-) :-)

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Johnson_Dan@aac.com
Subject: [5720] Re: Litz wire and RF
Message-ID: <9603152108.19765.aa@SMROUTER.AAC.COM>

----- Forwarded with Changes -----
From: Johnson_Dan
From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
Subject: Re: Litz wire and RF

[Oops, sent this to Joe directly but meant it for the list.]

On 3/15/96 at 9:34 AM, Joe/N2CX <JEVERHART@cayman.vf.mmc.com> wrote:

> I couldn't even find a copy of Terman's Radio Engineering!... Shucks, how
> many of us are there who still remember the Radiotron Designer's Handbook?

These pop up for sale with fair regularity on Boatanchors
(listproc@theporch.com). I've got both books plus a bunch of others obtained
from BA folk and hamfests. If you're interested, look carefully at those boxes
of dusty books under hamfest tables, and you'll find treasures such as
Ghirardi's radio servicing and engineering books. (I pay between \$10 and \$20
for these classics.) But only if you're interested in glowbuggin' and other
hails back to gentler times...

72 de KC4EWT
Johnson_Dan@aac.com

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [5716] Re: More radios, dang-nabbit!
Message-ID: <v02130506ad6f5be06d8a@[129.74.35.16]>

>All this talk about HW9s is getting to me. Someone
>had better put an end to this soon or I will be looking
>for one (or one of its derated precursors... as in the
>things you curse about before you buy 'em) at Dayton.

And Nils, don't forget to look at:

<<http://qrp.cc.nd.edu/qrp-1/catalog/hw-9/hw-9.html>>

72

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

"Things are more like they are now than they ever have been before."

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: bkmak@airmail.net (Bob Kmak)
Subject: [5722] Re: More radios, dang-nabbit!
Message-ID: <199603151917.NAA10147@server.iadfw.net>

Nils,

I don't know what you'd get. But then, I don't quite get all the hoopla over the Heath rigs. It's sorta like longing for a 30 year old Volkswagen Beetle. In Texas. With no air conditioning. If you're gonna set yerself up to be a victim of spouse-abuse, get something interesting. Like maybe that RTTY thingy that Wayne B. is talking about. Then you could watch the text scroll across the display as you sit there, strapped to your wheelchair, drooling all over yourself ;-)

Bob KC5RAS

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: prvalko <prvalko@oakland.edu>
Subject: [5695] Re: New QRP+ Review
Message-ID: <Pine.OSF.3.91.960314230754.7652B-100000@vela.acs.oakland.edu>

On Thu, 14 Mar 1996 mcdanield@ouvaxa.cats.ohiou.edu wrote:

>Long post on the new QRP+ deleted

Wow, nicely done, Drew. I gotta say though... the following line really made me chuckle...

> I usually operate CW, but have observed the anemic SSB output of the
> original rig so many others have mentioned.

Hmmmm... a QRPer concerned with a QRP rig having low power.

I always thought that was the whole idea. :-)

73! =paul= wb8zjl

That's a joke son, I say, that's a joke. <=== humor disclaimer

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: Joe Gervais <vole@primenet.com>

Subject: [5700] Re: Norcal 40-a slow qsk recovery

Message-ID: <199603150801.BAA03531@usr2.primenet.com>

Kent, AB70A, wrote:

> I had borrowed a friend's 40-a to try out a 'commercial' rig ;-) and
> compare it to my own. Selectivity was nice, tuning a little fast, but the
> worst feature was what appeared to be a long recovery after transmitting.

[SNIP]

> Turned out, the problem was in the switched 8 v line for the tx....The

[SNIP]

> Fixed this by installing a 100K resistor from the 8V line to the base of
> the switching transistor (Q4 base to emitter).

[SNIP]

> Checked out the spurious, harmonics, phase-noise, etc., and have a full
> report for Joe, the lucky owner ('course, the only reason I have this rig
> is 'cause he's using his QRP+).

Clear evidence of why it's always a good idea to loan rigs to
your friends. *Especially* if they happen to build/design radios
for a living. ;-) :-)

Thanks Kent! It would seem that pizza's on me next time. 'Course

I owe Steve a pizza two. May have to buy stock in Pizza Hut....

72 de KC7NEV,

-Joe, vole@primenet.com

QRP WAS: 30 states confirmed, 20 to go!

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [5696] Re: Sanity is returned
Message-ID: <Pine.OSF.3.91.960314232037.7652D-100000@vela.acs.oakland.edu>

On Thu, 14 Mar 1996, David D. Meacham wrote:

> Dave,
> Bravo for your stance! They had their nerve asking YOU to pay up front
> for a COMPANY BUSINESS trip!!! Varian tried that on me a few years ago
> and I told them to stuff it. Companies seem to get more and more
> arrogant! GL es 72, Dave, W6EMD

Gosh, WE do that all the time! What's the big fat hairy deal?

You charge your ticket and Hotel and food and write an expense report up
when you get back. The check comes the bill comes and it gets paid for.

Meanwhile, the company still has that money being put to productive use (to
benefit me and all the other shareholders) while we float the credit card
company's cash for a few days.

=paul=

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5740] Re: Sanity is returned
Message-ID: <Pine.LNX.3.91.960315192038.6686A-100000@dt1.datatamers.com>

Paul,
I think you have been brainwashed!
72, Dave, W6EMD

On Thu, 14 Mar 1996, prvalko wrote:

>
> On Thu, 14 Mar 1996, David D. Meacham wrote:
>
> > Dave,
> > Bravo for your stance! They had their nerve asking YOU to pay up front
> > for a COMPANY BUSINESS trip!!! Varian tried that on me a few years ago
> > and I told them to stuff it. Companies seem to get more and more
> > arrogant! GL es 72, Dave, W6EMD
>
> Gosh, WE do that all the time! What's the big fat hairy deal?
>
> You charge your ticket and Hotel and food and write an expense report up
> when you get back. The check comes the bill comes and it gets paid for.
>
> Meanwhile, the company still has that money being put to productive use (to
> benefit me and all the other shareholders) while we float the credit card
> company's cash for a few days.
>
> =paul=
>

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: John Dundas <ab6dg@netcom.com>
Subject: [5732] Re: St. Louis Tuner Progress, 49er Kits, etc.
Message-ID: <Pine.3.89.9603151344.A6577-0100000@netcom10>

Ok Doug--you asked for it!

First the success--Pete, W6ZH, and I on Tuesday eve completed the worlds' first trans-San Marino, CA, 49er-to-49er qso! At first he only gave me a 529, but then he realized he didn't have his earphones on. He's less than a mile away, so I was really miffed by that report.

Second the adventure/problem: both of us are experiencing REAL BAD clicks in earphones when keying. Only solution so far is to remove 'phones, and use Superkeyer monitor to hear what one is sending. This is not real satisfactory. Is this problem unique to Southern California versions of the 49er, or did Pete and I independently screw up somewhere in construction?

Any and all thoughts will be appreciated!

72
John
AB6DG

On Thu, 14 Mar 1996, Doug Hendricks wrote:

>
> Have a good week and send me reports on your 49er success or adventures
> as you get them built. I know that Joe Everhart has a kit of parts in
> hand, and I am anxious to hear how he does with it on the East Coast.
> 72, Doug
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: aa7qy@primenet.com (Roger Hightower)

Subject: [5735] Re: St. Louis Tuner Progress, 49er Kits, etc.

Message-ID: <199603152214.PAA21609@usr3.primenet.com>

At 01:37 PM 3/15/96 -0800, John Dundas wrote:

>Ok Doug--you asked for it!

> Second the adventure/problem: both of us are experiencing REAL
>BAD clicks in earphones when keying. Only solution so far is to remove
>'phones, and use Superkeyer monitor to hear what one is sending. This is
>not real satisfactory. Is this problem unique to Southern California
>versions of the 49er, or did Pete and I independently screw up somewhere
>in construction?

>
> Any and all thoughts will be appreciated!
>

I have yet to have a qso with mine (been almost three weeks now) but
am also experiencing the LOUD clicking problem when keying. My solution
is the same...remove the earphones and monitor with another receiver.

72/73, de Roger AA7QY

From owner-qrp-1@Lehigh.EDU Fri Mar 15 22:12:07 1996

From: Alan Kaul <kaul@netcom.com>

Subject: [5736] Re: St. Louis Tuner Progress, 49er Kits, etc.

Message-ID: <Pine.3.89.9603151508.A19341-01000000@netcom16>

John, et al

The 49-er is working in LaCanada .. wonder if LaCanada to San Marino is
possible via 2x49-er???? Experiencing the same clicks -- no soft buzz as

Wayne described in his article. So that makes 3 SoCal rigs with same features. I'm one of those guys who needs to hear what he's sending or otherwise have a monitor for the outgoing CW. I gotta keep working on it!!!

PS--will again try to make the Pomona Swap Meet tmw (Saturday 3/16). If I get there it'll be around 8 and have to split by 9. Will try you again on 144.4 simplex!!!!

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@Lehigh.EDU Fri Mar 15 22:12:07 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [5718] re: VARIOMETER
Message-ID: <9603151805.AA08667@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: VARIOMETER

Rich, NW3N, wrote about a variometer he had.

Rich, if the coil you have is wound like a piece of Mini-ducter about 4 inches in diameter, with the flat insulator holding the banana-type plugs about six inches long, you have what sounds like a plug in output tank coil for a BC-610 transmitter. It is WW-II vintage and built by Hammerlund (I think.) This not really a variometer, but simply a means of adjusting the link coupling.

True variometers are shaped like a partial sphere, with one coil inside the other. I've seen variometers in older pieces of broadcast equipment. I had an old General Radio modulation monitor at a station for which I was the Chief Engineer 25 years or so ago, that had one in it to couple the RF into the monitor.

The BC-610 was a portable (Well, it did have handles!) AM transmitter covering up to 20 MHz or so. It had a T250 final modulated by a pair of Class-B T150's. I had one that I junked 20 years ago, and still have the tubes out of it.

Regards,

Brad, WB0CGH

QLF @ MSG.TI.COM